

## Proposal Full View

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## Applicant Information

Organization Name Mojave Water Agency \*

Tax ID 952283025

Proposal Name County-Wide Groundwater Elevation Monitoring Program \*

Proposal Objective The objective of this project is to bring all groundwater basins within San Bernardino County into compliance with the California State Groundwater Elevation Monitoring (CASGEM) program. \*

## Budget

Other Contribution	\$0.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$246,961.00 *
Total Project Cost	\$246,961.00 *

## Geographic Information

Latitude \* DD(+/-) 34 MM 47 SS 11

Longitude \* DD(+/-) 117 MM 2 SS 31

Longitude/Latitude Clarification None

County

San  
Location Bernardino  
County  
San Bernardino \*

Ames  
Valley,Antelope  
Valley,Avawatz  
Valley,Bear  
Valley,Bessemer  
Valley,Bicycle  
Valley,Big  
Meadows  
Valley,Bristol  
Valley,Broadwell  
Valley,Brown  
Mountain  
Valley,Cadiz  
Valley,Cady Fault  
Area,California  
Valley,Calzona  
Valley,Caves  
Canyon  
Valley,Chemehuevi  
Valley,Coachella  
Valley-Mission  
Creek,Coachella  
Valley-San  
Gorgonio  
Pass,Copper  
Mountain  
Valley,Coyote Lake  
Valley,Cronise  
Valley,Cuddeback  
Valley,Dale  
Valley,Deadman  
Valley-Deadman  
Lake,Deadman  
Valley-Surprise  
Spring,Death  
Valley,Denning  
Spring Valley,El  
Mirage  
Valley,Fenner  
Valley,Fremont  
Valley,Goldstone  
Valley,Grass  
Valley,Harper  
Valley,Helendale  
Fault Valley,Hexie  
Mountain  
Area,Indian Wells  
Valley,Iron Ridge

		Area,Ivanpah Valley,Johnson Valley-Soggy Lake,Johnson Valley-Upper Johnson Valley,Joshua Tree,Kane Wash Area,Kelso Valley,Lanfair Valley,Langford Valley- Irwin,Langford Valley-Langford Well Lake,Lavic Valley,Leach Valley,Lost Horse Valley,Lost Lake Valley,Lower Kingston Valley,Lower Mojave River Valley,Lucerne Valley,Means Valley,Mesquite Valley,Middle Amargosa Valley,Middle Mojave River Valley,Morongo Valley,Needles Valley,Owl Lake Valley,Panamint Valley,Pilot Knob Valley,Pinto Valley,Pipes Canyon Fault Valley,Piute Valley,Red Pass Valley,Rice Valley,Salt Wells Valley,San Gabriel Valley,Searles Valley,Seven Oaks Valley,Silver Lake Valley,Soda Lake Valley,Superior Valley,Twentynine Palms Valley,Uppe Kingston Valley,Upper Mojave River Valley,Upper Santa Ana Valley,Upper Santa Ana Valley- Bunker Hill,Upper Santa Ana Valley- Cajon,Upper Santa Ana Valley- Chino,Upper Santa Ana Valley- Cucamonga,Upper Santa Ana Valley- Rialto-Colton,Uppe Santa Ana Valley- Riverside- Arlington,Upper Santa Ana Valley- San Timoteo,Upper Santa Ana Valley- Temescal,Upper Santa Ana Valley- Yucaipa,Vidal Valley,Ward Valley,Warren Valley,Wingate Valley Colorado River,South Coast,South Lahontan
Ground Water Basin		
Hydrologic Region		
Watershed	Watershed Numbers 49,142,143,144,145,146,147,148,149,150,151,152,153,154,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,181	

**Legislative Information**

Assembly District

32nd Assembly District,34th Assembly District,36th Assembly District,59th Assembly District,60th Assembly District,61st Assembly District,62nd Assembly District,63rd Assembly District,65th Assembly District \*

Senate District

17th Senate District,18th Senate District,29th Senate District,31st Senate District,32nd Senate District \*

US Congressional District

District 25 (CA),District 26 (CA),District 38 (CA),District 41 (CA),District 42 (CA),District 43 (CA) \*

**Project Information**

Project Name

County-Wide Groundwater Elevation Monitoring

Implementing Organization	Mojave Water Agency
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	7/31/2014
Project Scope	See attached scope of work in the Work Plan (Attachment 5) of this application.
Project Description	Many of the groundwater basins located in the County of San Bernardino are not currently being monitored under the California State Groundwater Elevation Monitoring (CASGEM) program. Mojave Water Agency (MWA) has taken the lead to coordinate with the other CASGEM-reporting agencies to develop a monitoring plan for the unmonitored basins within the County, in order to bring the entire county into compliance with CASGEM. If awarded, the grant funds would be used to pay a consultant to work collaboratively with Mojave Water Agency (MWA), other water agencies, and the County to conduct the necessary work to comply with CASGEM for all groundwater basins within the County.
Project Objective	The goal of this project is to bring all groundwater basins within San Bernardino County (SBC) into compliance with the California State Groundwater Elevation Monitoring (CASGEM) program.

**Project Benefits Information**

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Water level measurements taken	0	Monitor groundwater levels in all basins within San Bernardino County

Project Objective

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	246961
Total Project Cost	246961

**Geographic Information**

Latitude DD(+/-)	34	MM 47	SS 11
Longitude DD(+/-)	117	MM 2	SS 31

Longitude/Latitude Clarification

None

Location

San Bernardino County

County San Bernardino Ground Water Basin Ames Valley,Antelope Valley,Avawatz Valley,Bear Valley,Bessemer Valley,Bicycle Valley,Big Meadows Valley,Bristol Valley,Broadwell Valley,Brown Mountain Valley,Cadiz Valley,Cady Fault Area,California Valley,Calzona Valley,Caves Canyon Valley,Chemehuevi Valley,Coachella Valley-Mission Creek,Coachella Valley-San Gorgonio Pass,Copper Mountain Valley,Coyote Lake Valley,Cronise Valley,Cuddeback Valley,Dale Valley,Deadman Valley-Deadman Lake,Deadman Valley-Surprise Spring,Death Valley,Denning Spring Valley,El Mirage Valley,Fenner Valley,Fremont Valley,Goldstone Valley,Grass Valley,Harper Valley,Helendale Fault Valley,Hexie Mountain Area,Indian Wells Valley,Iron Ridge Area,Ivanpah Valley,Johnson Valley-Soggy Lake,Johnson Valley-Upper Johnson Valley,Joshua Tree,Kane Wash Area,Kelso Valley,Lanfair Valley,Langford Valley-Irwin,Langford Valley-Langford Well Lake,Lavic Valley,Leach Valley,Lost Horse Valley,Lost Lake Valley,Lower Kingston Valley,Lower Mojave River Valley,Lucerne Valley,Means Valley,Mesquite Valley,Middle Amargosa Valley,Middle Mojave River Valley,Morongo Valley,Needles Valley,Owl Lake Valley,Panamint Valley,Pilot Knob Valley,Pinto Valley,Pipes Canyon Fault Valley,Piute Valley,Red Pass Valley,Rice Valley,Salt Wells Valley,San Gabriel Valley,Searles Valley,Seven Oaks Valley,Silver Lake Valley,Soda Lake Valley,Superior Valley,Twenty-nine Palms Valley,Upper Kingston Valley,Upper Mojave River Valley,Upper Santa Ana Valley,Upper Santa Ana Valley-Bunker Hill,Upper Santa Ana Valley-Cajon,Upper Santa Ana Valley-Chino,Upper Santa Ana Valley-Cucamonga,Upper Santa Ana Valley-Rialto-Colton,Upper Santa Ana Valley-Riverside-Arlington,Upper Santa Ana Valley-San Timoteo,Upper Santa Ana Valley-Temescal,Upper Santa Ana Valley-Yucaipa,Vidal Valley,Ward Valley,Warren Valley,Wingate Valley Hydrologic Region Colorado River,South Coast,South Lahontan WaterShed Watershed Numbers 49,142,143,144,145,146,147,148,149,150,151,152,153,154,161,162,163,

**Legislative Information**

Assembly District	32nd Assembly District,34th Assembly District,36th Assembly District,59th Assembly District,60th Assembly District,61st Assembly District,62nd Assembly District,63rd Assembly District,65th Assembly District
Senate District	17th Senate District,18th Senate District,29th Senate District,31st Senate District,32nd Senate District
US Congressional District	District 25 (CA),District 26 (CA),District 38 (CA),District 41 (CA),District 42 (CA),District 43 (CA)

## Section : Applicant Information and Question's Tab

### APPLICANT INFORMATION AND QUESTION'S TAB

#### Q1. Applicant Information

**Provide the agency name, address, city, state, and zip code of the applicant submitting the application.**

Mojave Water Agency, 13846 Conference Center Drive, Apple Valley, CA 92307

#### Q2. Proposal Description:

**Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.**

On November 4, 2009 the California Water Code was amended with SBx7-6 by the State Legislature. SBx7-6 mandates a statewide groundwater elevation monitoring program to track seasonal and long-term trends in groundwater elevations. This program requires collaboration between the Department of Water Resources (DWR) and local monitoring entities to collect groundwater elevation data. In response to SBx7-6 DWR has developed the California Statewide Groundwater Elevation Monitoring (CASGEM) program to establish a permanent, locally-managed program of regular and systematic monitoring in all of California's alluvial groundwater basins. (CASGEM, 2011) Ninety-one (91) groundwater basins exist within the County of San Bernardino per Bulletin 118. Currently, five monitoring agencies within the County have developed or are developing monitoring plans to comply with CASGEM for the areas they serve: ? 29 Palms Water District ? Big Bear Community Services District ? Chino Basin Watermaster ? Mojave Water Agency ? San Bernardino Valley Municipal Water District The five agencies combined cover all or portions of 45 out of the 91 basins within the County. The remaining 44 basins are currently unmonitored, and portions of the other basins may not currently be monitored adequately. The goal of this project is to bring all groundwater basins within San Bernardino County into compliance with the CASGEM program. Mojave Water Agency (MWA) has taken the lead to coordinate with the other CASGEM-reporting agencies to develop a monitoring plan for the unmonitored basins within the County, in order to bring the entire county into compliance with CASGEM. If awarded, the grant funds would be used to pay a consultant to work collaboratively with other water agencies, and the County to conduct the necessary work to comply with CASGEM for all groundwater basins within the county. Work products will include individual monitoring reports for all currently unmonitored basins and a countywide monitoring plan which outlines how future monitoring and reporting will be conducted by the stakeholders.

A task has also been included in the work plan to review the San Bernardino County Groundwater Ordinance for consistency with CASGEM and Groundwater Management Planning law, and provide recommendations for potential revisions or updates.

#### Q3. Project Director:

**Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

Kirby Brill, General Manager, Mojave Water Agency, 13846 Conference Center Drive, Apple Valley, CA 92307 760-946-7008 kbrill@mojavewater.org

#### Q4. Project Manager:

**Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

Lance Eckhart, Principal Hydrogeologist, Mojave Water Agency, 13846 Conference Center Drive, Apple Valley, CA 92307 760-946-7015 leckhart@mojavewater.org

#### Q5. Additional Information:

**Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:**

[http://www.water.ca.gov/groundwater/groundwater\\_basics/gw\\_contacts\\_info.cfm](http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm)

- 1) ☐ Northern Region
- 2) ☐ North Central Region
- 3) ☐ South Central Region
- 4) ☒ Southern Region

#### Q6. Additional Information:

**Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.**

The Mojave Water Agency Groundwater Management Plan was adopted February 4, 2005, pursuant to Water Code Section 10753.

#### Q7. Additional Information:

**Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).**

MWA will be collaborating with the other CASGEM reporting agencies to complete this project. We have recieved letters of support for this project and grant application from Chino Basin Watermaster, the County of San Bernardino, and San Bernardino Valley Municipal Water District (see Attachment 2 - Att2\_LGA12\_Mojave\_EligDoe\_3of3.pdf). In addition to letters of support, MWA has an adopted GWMP (See Attachment 3 - Att3\_LGA12\_Mojave\_GWMP\_2of3.pdf), and the County of San Bernardino has an adopted Groundwater Ordinance (Attachment 3 - Att3\_LGA12\_Mojave\_GWMP\_3of3.pdf)

#### Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".

No Other Contributions

#### Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

No urban water suppliers will receive funding from this proposed grant.

#### Q10. Eligibility:

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

Not applicable. MWA is not an urban water supplier; however, MWA did complete and submit to DWR a 2010 Urban Water Management Plan.

#### Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

#### Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

### Section : Application Attachments Tab

#### APPLICATION ATTACHMENTS TAB

##### Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1\_LGA12\_Mojave\_AuthDoc\_1of1.pdf

##### Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2\_LGA12\_Mojave\_EligDoc\_1of3.pdf,Att2\_LGA12\_Mojave\_EligDoc\_2of3.pdf,Att2\_LGA12\_Mojave\_EligDoc\_3of3.pdf

##### Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3\_LGA12\_Mojave\_GWMP\_1of3.pdf,Att3\_LGA12\_Mojave\_GWMP\_2of3.pdf,Att3\_LGA12\_Mojave\_GWMP\_3of3.pdf

##### Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4\_LGA12\_Mojave\_ProjD\_1of1.pdf

##### Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5\_LGA12\_Mojave\_WrkPln\_1of1.pdf

##### Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6\_LGA12\_Mojave\_BUDGET\_1of1.pdf

##### Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7\_LGA12\_Mojave\_SCHED\_1of1.pdf

##### Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments:

Att8\_LGA12\_Mojave\_QA\_1of5.pdf,Att8\_LGA12\_Mojave\_QA\_2of5.pdf,Att8\_LGA12\_Mojave\_QA\_3of5.pdf,Att8\_LGA12\_Mojave\_QA\_4of5.pdf,Att8\_LGA12\_Mojave\_C

**Attachment 9. Past Performance**

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9\_LGA12\_Mojave\_PERFORM\_1of2.pdf, Att9\_LGA12\_Mojave\_PERFORM\_2of2.pdf

**Attachment 10. AB1420 and Water Meter Implementation Compliance**

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10\_LGA12\_Mojave\_1420\_1of1.pdf

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